

- Q⁷
- d. injecting said embryo, disc and/or stem cell into said donor animal at the same time as control embryonic disc and/or stem cell; and
 - e. examining the injection sites for teratoma formation and signs of rejection of the injected cells or of teratomas derived therefrom.
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Q⁸

38. (Amended) A non-human, non-immune-compromised animal containing at least one teratoma produced from a cloned cell.

Q⁹

48. The teratoma of Claim 44, wherein said teratoma comprises cloned cells having isogenic nuclear DNA and allogeneic mitochondrial DNA, or a mixture of allogeneic and isogenic mitochondrial DNA.

REMARKS

This Reply is responsive to the Office Action dated April 10, 2002. Entry of the foregoing and reconsideration on the merits pursuant to 37 CFR 1.112 is respectfully requested.

The application has been amended as set forth above. Copies of the amended paragraphs and claims, marked-up to show the changes that are made, are attached hereto as an appendix.

A substitute specification with margins in compliance with 37 C.F.R. § 1.52(a)(ii) is submitted herewith, and the specification is amended by replacing the hyperlink on page 7 with a reference to Ruffing et al., Biol. Reprod. (1993) 48(4):889-904, that also describes making goat-sheep chimeras (abstract attached), and by removing other informalities noted in the Office Action. No new subject matter is introduced into substitute specification, or by the amendments.